

Discrete Mathematics
Volume 164, Numbers 1–3, 10 February 1997

Contents

Preface	1
Contributions	
<i>J. Bang-Jensen and G. Gutin</i> Paths and cycles in extended and decomposable digraphs	5
<i>H. Bielak</i> Chromatic uniqueness in a family of 2-connected graphs	21
<i>H.J. Broersma</i> A note on the minimum size of a vertex pancyclic graph	29
<i>S. Bylka and J. Komar</i> Intersection properties of line graphs	33
<i>Y. Caro, Y. Roditty and J. Schönheim</i> On colored designs — I	47
<i>P. Dell'Olmo, M.G. Speranza and Zs. Tuza</i> Efficiency and effectiveness of normal schedules on three dedicated processors	67
<i>P. Erdős</i> Some recent problems and results in graph theory	81
<i>R. Faudree, E. Flandrin and Z. Ryjáček</i> Claw-free graphs — A survey	87
<i>I. Gorgol</i> On bounds for size Ramsey numbers of a complete tripartite graph	149
<i>H. Gropp</i> Configurations and graphs — II	155
<i>Y. Guo, A. Pinkernell and L. Volkmann</i> On cycles through a given vertex in multipartite tournaments	165
<i>M. Horňák and S. Jendrol'</i> On the d -distance face chromatic number of plane graphs	171
<i>G.O.H. Katona</i> Extremal problems for finite sets and convex hulls — A survey	175
<i>G.Y. Katona</i> Toughness and edge-toughness	187
<i>M. Kubale, J. Pakulski and K. Piwakowski</i> The smallest hard-to-color graph for the SL algorithm	197
<i>M. Kwaśnik and A. Szelecka</i> Strong perfectness of the generalized Cartesian product of graphs	213
<i>Z. Lonc</i> Delta-system decompositions of graphs	221
<i>Z. Majcher and J. Michael</i> Degree sequences of highly irregular graphs	225

<i>Z. Majcher and J. Michael</i> Highly irregular graphs with extreme numbers of edges	237
<i>K. Piwakowski</i> On Ramsey number $R(4, 3, 3)$ and triangle-free edge-chromatic graphs in three colors	243
<i>A. Ruciński and M. Truszczyński</i> A note on local colorings of graphs	251
<i>Z. Ryjáček</i> Matching extension in $K_{1,r}$ -free graphs with independent claw centers	257
<i>J.-F. Saclé and M. Woźniak</i> A note on packing of three forests	265
<i>G. Schaar</i> On the Hamiltonicity exponent of directed cacti	275
<i>J. Topp and P.D. Vestergaard</i> Totally equimatchable graphs	285
<i>H. Vu Dinh</i> Path partition number in tough graphs	291
<i>A. Włoch and I. Włoch</i> On (k, ℓ) -kernels in generalized products	295
<i>A.P. Wojda and P. Vaderlind</i> Packing bipartite graphs	303
 Note	
<i>G. Schaar and A.P. Wojda</i> An upper bound for the Hamiltonicity exponent of finite digraphs	313
 Research Problems	 317
 Author index to volume 164	 323

